

ROBAN Banner Vinyls

Multi
Double Sided Blockout Banners
BLX600



MULTI is a PVC laminated reinforced blockout banner vinyl with a UV resistant print formulation and a high tensile knitted yarn designed for high resolution double sided images displayed in high strength indoor or outdoor sign & banner applications. A black centre layer is provided to restrict the effect which light transmission has on the graphic appearance.



Economy

▶ Performance

Premium

Product information

Composition:	Calendered PVC film lam-coated to high tensile knitted polyester yarn
Main Applications:	Double side printed indoor & outdoor signage, flags, bunting, banners requiring minimal light penetration
Features:	Blockout, smooth, excellent lay-flat & strength, black centre blockout layer
Benefits:	Reliable print & finishing capabilities with durability, strength and minimal light transmission
Surface Treatment:	Corona
Formulation:	Anti-static, UV stabilized, Fire Retardant
Storage Conditions:	Store at 22°C 50 ~ 55% RH
Shelf Life:	12 months from date of manufacture

Certifications

- Application
- 2 Sided Blockout Banners
- Manufacturing
- ISO9001

Weight

- 600 grams per m² ± 5%

Stock Availability

Roll Widths (mm):	1370, 1600, 2040, 2500, 3200, 4200, 500
Roll Lengths (mtrs):	50 metres & 100 metres (for 1370 & 1600) - reverse wound.
Log Cutting:	Up to 5000mm widths
Standard Core:	76mm ID (152mm for 100m rolls)
Sheet Cutting:	up to 3200mm x 1830mm

Durability

- 6 years
- 3 years

Printing

Method:	Most solvent, UV curable digital & screen print systems.
Printable Sides:	Bothsides
Ink Suitability:	Solvent, UV & Screen

Eco Response

- Certifications
- VCA Product Stewardship
- Heavy Metal Free
- Compliant, non-toxic
- Recyclable
- No
- Safety Compliance
- Reach, EN-71, RoHs

Basic Physical Data

Thickness:	0.47mm
Weight:	600gsm
Denier & Density:	Denier 1000x1000 - Density (cm) 9 x 9
Gloss Level:	Matte

Thermal Data

Heat Resistance:	70 °C
Cold Resistance:	-30 °C

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Physical Characteristics

Tearing Strength	MD=23KG, CD=18KG
Flame Retardant	NFPA-701 DIN4102-B1
Environmental	EN-71, RoHS
Welding Adhesion	8.5 Kg/5cm
Coating Adhesion	142.1 N/50mm
Thickness	0.47 mm (18.5 mil) ± 5%
Weight	600 grams per m ² ± 5%
Yarn / Scrim	Denier = 1000x1000 Dtex = 1100x1100
Tensile Strength	239 kg/5cm in MD 216 kg/5cm in CD
Density / Threads	Per Inch = 9x9 Per cm=4x4
Elongation at Break	MD=25.3% CD=27
Adhesion Strength	8.5 kgs/50mm in both MD and CD
Surface Tension	42 Dyne/cm ³
Surface Finish	Matt
UV Stabilized	Yes

Finishing

Cutting	✓
Welding	✓
Folding	✓
Gluing	✓
Eyeletting	✓
Stitching	✓
Laminating	✓
Bending	✓
Routing	X
Punching	✓
Drilling	✓
Screwing	✓
V-Grooving	X